

AMENDMENTS TO THE CLAIMS

1-56 (Canceled).

57. (Original) A real-time, interactive method of building a contact list on a computer network based on selected criteria, the method comprising:

interactively generating a list specification in real-time, comprising:

interactively specifying a geographically defined area for which a contact list is desired including receiving user input, and

interactively selecting a product from a plurality of products and a threshold score for the product including receiving user input;

transmitting the list specification over the computer network to a server having a memory;

building the contact list on the server in real-time based on the list specification;

and

transmitting the contact list to a user-specified node on the computer network if one or more characteristics of the contact list are approved by a user.

58. (Original) The method defined in Claim 57, wherein the characteristics of the contact list include a number of names/records on the contact list, the list specification for the contact list and a cost of the contact list.

59. (Original) The method defined in Claim 57, wherein interactively generating a list specification in real-time further comprises interactively selecting additional data from a list of data appendable to the contact list.

60. (Original) The method defined in Claim 57, additionally comprising:

storing the list specification in a memory; and

rebuilding the contact list at a predetermined future time based on the stored list specification.

61. (Original) The method defined in Claim 60, wherein the stored list specification corresponds to a selected business location of a multiple location business.

62. (Original) The method defined in Claim 57, wherein building the contact list on the server in real-time comprises building the contact list from a database stored in random access memory.

63. (Original) The method defined in Claim 57, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, or universal resource locator.

64. (Original) The method defined in Claim 57, wherein interactively generating a list specification in real-time is performed on a user specification node on the computer network.

65. (Original) The method defined in Claim 64, wherein the user specification node and the user-specified node are different nodes on the computer network.

66. (Original) The method defined in Claim 57, wherein the contact list comprises a household list, a business list or an individual list.

67. (Original) The method defined in Claim 57, additionally comprising transmitting a message to electronic addresses listed in the contact list transmitted to the user-specified node.

68. (Original) The method defined in Claim 57, wherein the contact list is subject to one of the following restrictions: read-only usage, one-time usage, or unlimited usage.

69. (Original) A system for interactively generating a contact list in real-time based on selected criteria, the system comprising:

- a server connected to a network;
- means for interactively generating a list specification in real-time;
- means for transmitting the list specification to the server via the network;
- means for building a contact list on the server in real-time based on the list specification; and

means for transmitting the contact list to a user-specified node on the network if one or more characteristics of the contact list are approved by a user.

70. (Original) The system defined in Claim 69, wherein the means for interactively generating a list specification comprises:

means for interactively specifying a geographically defined area for which the contact list is desired; and

means for interactively selecting a product from a plurality of products and a threshold score for the product.

71. (Original) The system defined in Claim 69, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, or universal resource locator.

72. (Original) The system defined in Claim 69, wherein the means for interactively generating a list specification in real-time includes a user specification node on the network.

73. (Original) The system defined in Claim 72, wherein the user specification node and the user-specified node are different nodes on the network.

74. (Original) The system defined in Claim 69, wherein the contact list comprises a household list, a business list or an individual list.

75. (Original) A computer system for interactively building a contact list in real-time based on selected criteria, the system comprising:

a user specification process module configured to receive user input so as to interactively generate a list specification in real-time;

a geography list process module configured to receive the list specification and to generate a list of selected geography codes in real-time based on the list specification;

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a list select and data append process module configured to generate an intermediate list in real-time based on the list of selected geography codes and the list specification; and

a contact item lookup process module configured to build a contact list in real-time based on the intermediate list.

76. (Original) The system defined in Claim 75, wherein a server transmits the contact list to a user-specified node on a communication network if one or more characteristics of the contact list are approved by a user.

77. (Original) The system defined in Claim 76, wherein the characteristics of the contact list include a number of records on the contact list, the list specification for the contact list, and a cost of the contact list.

78. (Original) The system defined in Claim 76, additionally comprising a client device connected to the communication network, wherein the client device comprises the user-specified node.

79. (Original) The system defined in Claim 76, wherein the user-specified node transmits a message to electronic addresses on the communication network listed in the contact list.

80. (Original) The system defined in Claim 76, wherein the contact list is subject to one of the following restrictions: read-only usage, one-time usage, or unlimited usage.

81. (Original) The system defined in Claim 75, wherein the geography list process module, the list select and data append process module, and the contact item lookup process module are executed in real-time on a server having a memory.

82. (Original) The system defined in Claim 75, additionally comprising a client device connected to a communication network, wherein the user specification process module executes on the client device.

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83. (Original) The system defined in Claim 75, wherein the user specification process module accesses one of a plurality of geo-demographic profiles and a mapping database or a geography name database.

84. (Original) The system defined in Claim 75, wherein the geography list process module accesses a geography equivalency file.

85. (Original) The system defined in Claim 75, wherein the list select and data append process module accesses a product score table and a geography index.

86. (Original) The system defined in Claim 85, wherein the list select and data append process module further accesses a geo-demographic directory, a geography to spatial coordinate database, a list database, and a demographic attributes database based on the geography index.

87. (Original) The system defined in Claim 86, wherein the spatial coordinates of the geography to spatial coordinate database comprise interleaved latitude and longitude pairs.

88. (Original) The system defined in Claim 75, wherein the contact item lookup process module accesses an address coding guide and a name database.

89. (Original) The system defined in Claim 75, wherein the geography codes are a hierarchical component of a zip code.

90. (Original) The system defined in Claim 81, wherein the memory includes random access memory configured to store at least one database so as to facilitate the real-time execution of the process modules.

91. (Original) The system defined in Claim 75, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, network address or universal resource locator.

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92. (Original) The system defined in Claim 75, wherein the contact list comprises a household list, a business list or an individual list.

93. (New) A real-time method of building a contact list on a computer network based on selected criteria, the method comprising:

receiving user input so as to generate a list specification in real-time, comprising

receiving user input to specify a geographically defined area for which a contact list is desired, and

receiving user input to select a product from a plurality of products and a threshold score for the product;

transmitting the list specification over the computer network to a server having a memory;

building the contact list on the server in real-time based on the list specification;

and

transmitting the contact list to a user-specified node on the computer network if one or more characteristics of the contact list are approved by a user.

94. (New) The method defined in Claim 93, wherein the characteristics of the contact list include a number of names/records on the contact list, the list specification for the contact list and a cost of the contact list.

95. (New) The method defined in Claim 93, wherein receiving user input so as to generate a list specification in real-time further comprises receiving additional data from a list of data appendable to the contact list.

96. (New) The method defined in Claim 93, additionally comprising:

storing the list specification in a memory; and

rebuilding the contact list at a predetermined future time based on the stored list specification.

97. (New) The method defined in Claim 96, wherein the stored list specification corresponds to a selected business location of a multiple location business.

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98. (New) The method defined in Claim 93, wherein building the contact list on the server in real-time comprises building the contact list from a database stored in random access memory.

99. (New) The method defined in Claim 93, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, or universal resource locator.

100. (New) The method defined in Claim 93, wherein receiving user input so as to generate a list specification in real-time is performed on a user specification node on the computer network.

101. (New) The method defined in Claim 100, wherein the user specification node and the user-specified node are different nodes on the computer network.

102. (New) The method defined in Claim 93, wherein the contact list comprises a household list, a business list or an individual list.

103. (New) The method defined in Claim 93, additionally comprising transmitting a message to electronic addresses listed in the contact list transmitted to the user-specified node.

104. (New) The method defined in Claim 93, wherein the contact list is subject to one of the following restrictions: read-only usage, one-time usage, or unlimited usage.

105. (New) A real-time system for building a contact list based on selected criteria, the system comprising:

means for receiving user input so as to generate a list specification in real-time,
comprising

means for receiving user input to specify a geographically defined area for
which a contact list is desired, and

means for receiving user input to select a product from a plurality of products and a threshold score for the product;

means for transmitting the list specification over a computer network to a server having a memory;

means for building the contact list on the server in real-time based on the list specification; and

means for transmitting the contact list to a user-specified node on the computer network if one or more characteristics of the contact list are approved by a user.

106. (New) The system defined in Claim 105, wherein the characteristics of the contact list include a number of names/records on the contact list, the list specification for the contact list and a cost of the contact list.

107. (New) The system defined in Claim 105, wherein the means for receiving user input so as to generate a list specification in real-time further comprises means for receiving additional data from a list of data appendable to the contact list.

108. (New) The system defined in Claim 105, additionally comprising:
means for storing the list specification in a memory; and
means for rebuilding the contact list at a predetermined future time based on the stored list specification.

109. (New) The system defined in Claim 108, wherein the stored list specification corresponds to a selected business location of a multiple location business.

110. (New) The system defined in Claim 105, wherein the means for building the contact list on the server in real-time comprises means for building the contact list from a database stored in random access memory.

111. (New) The system defined in Claim 105, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, or universal resource locator.

112. (New) The system defined in Claim 105, wherein the means for receiving user input so as to generate a list specification in real-time comprises a user specification node on the computer network.

113. (New) The system defined in Claim 112, wherein the user specification node and the user-specified node are different nodes on the computer network.

114. (New) The system defined in Claim 105, wherein the contact list comprises a household list, a business list or an individual list.

115. (New) The system defined in Claim 105, additionally comprising means for transmitting a message to electronic addresses listed in the contact list transmitted to the user-specified node.

116. (New) The system defined in Claim 105, wherein the contact list is subject to one of the following restrictions: read-only usage, one-time usage, or unlimited usage.

117. (New) A real-time method of building a contact list on a computer network based on selected criteria, the method comprising:

receiving user input so as to generate a list specification in real-time, comprising

receiving user input to specify a location and radius defined area for which a contact list is desired, and

receiving user input to select a product from a plurality of products and a threshold score for the product;

transmitting the list specification over the computer network to a server having a memory;

building the contact list on the server in real-time based on the list specification;

and

transmitting the contact list to a user-specified node on the computer network if one or more characteristics of the contact list are approved by a user.

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118. (New) The method defined in Claim 117, wherein the characteristics of the contact list include a number of names/records on the contact list, the list specification for the contact list and a cost of the contact list.

119. (New) The method defined in Claim 117, wherein receiving user input so as to generate a list specification in real-time further comprises receiving additional data from a list of data appendable to the contact list.

120. (New) The method defined in Claim 117, additionally comprising:
storing the list specification in a memory; and
rebuilding the contact list at a predetermined future time based on the stored list specification.

121. (New) The method defined in Claim 120, wherein the stored list specification corresponds to a selected business location of a multiple location business.

122. (New) The method defined in Claim 117, wherein building the contact list on the server in real-time comprises building the contact list from a database stored in random access memory.

123. (New) The method defined in Claim 117, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, or universal resource locator.

124. (New) The method defined in Claim 117, wherein receiving user input so as to generate a list specification in real-time is performed on a user specification node on the computer network.

125. (New) The method defined in Claim 124, wherein the user specification node and the user-specified node are different nodes on the computer network.

126. (New) The method defined in Claim 117, wherein the contact list comprises a household list, a business list or an individual list.

127. (New) The method defined in Claim 117, additionally comprising transmitting a message to electronic addresses listed in the contact list transmitted to the user-specified node.

128. (New) The method defined in Claim 117, wherein the contact list is subject to one of the following restrictions: read-only usage, one-time usage, or unlimited usage.

129. (New) A real-time method of building a contact list on a computer network based on selected criteria, the method comprising:

receiving user input so as to generate a list specification in real-time, comprising

receiving user input to specify a polygon defined area for which a contact list is desired, and

receiving user input to select a product from a plurality of products and a threshold score for the product;

transmitting the list specification over the computer network to a server having a memory;

building the contact list on the server in real-time based on the list specification;

and

transmitting the contact list to a user-specified node on the computer network if one or more characteristics of the contact list are approved by a user.

130. (New) The method defined in Claim 129, wherein the characteristics of the contact list include a number of names/records on the contact list, the list specification for the contact list and a cost of the contact list.

131. (New) The method defined in Claim 129, wherein receiving user input so as to generate a list specification in real-time further comprises receiving additional data from a list of data appendable to the contact list.

132. (New) The method defined in Claim 129, additionally comprising:
storing the list specification in a memory; and

rebuilding the contact list at a predetermined future time based on the stored list specification.

133. (New) The method defined in Claim 132, wherein the stored list specification corresponds to a selected business location of a multiple location business.

134. (New) The method defined in Claim 129, wherein building the contact list on the server in real-time comprises building the contact list from a database stored in random access memory.

135. (New) The method defined in Claim 129, wherein the contact list comprises a plurality of records, and wherein one of the records includes at least one of the following: physical address, electronic address, telephone number, facsimile number, Internet Protocol address, pager number, or universal resource locator.

136. (New) The method defined in Claim 129, wherein receiving user input so as to generate a list specification in real-time is performed on a user specification node on the computer network.

137. (New) The method defined in Claim 136, wherein the user specification node and the user-specified node are different nodes on the computer network.

138. (New) The method defined in Claim 129, wherein the contact list comprises a household list, a business list or an individual list.

139. (New) The method defined in Claim 129, additionally comprising transmitting a message to electronic addresses listed in the contact list transmitted to the user-specified node.

140. (New) The method defined in Claim 129, wherein the contact list is subject to one of the following restrictions: read-only usage, one-time usage, or unlimited usage.